

UNITED STATES PATENT AND TRADEMARK OFFICE
CERTIFICATE OF CORRECTION

PATENT NO. : 7,387,845 B2
APPLICATION NO. : 10/525622
DATED : June 17, 2008
INVENTOR(S) : Akihito Saitoh et al.

Page 1 of 33

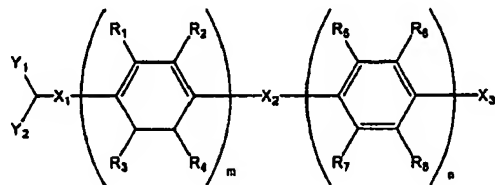
It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

ON COVER PAGE AT (56) FOREIGN PATENT DOCUMENTS

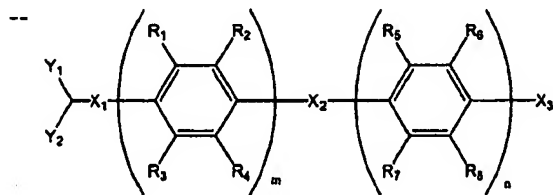
“2002-8866 1/2000” should read --2002-8866 1/2002--; “2000-5069166”
should read --2000-506916--; “504794 A1” should read --0 504 794 A1--;
and “0918259 A1” should read --0 918 259 A1--.

ON COVER PAGE AT (57) ABSTRACT

Line 8, “



” should read



COLUMN 1

Line 9, “filed” should read --field--.

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CERTIFICATE OF CORRECTION

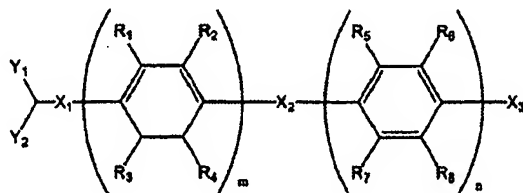
PATENT NO. : 7,387,845 B2
APPLICATION NO. : 10/525622
DATED : June 17, 2008
INVENTOR(S) : Akihito Saitoh et al.

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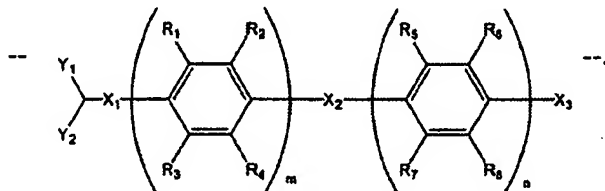
It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

COLUMN 2

Line 33, “



” should read



COLUMN 3

Line 49, “[I].” should read --[1].--.

COLUMN 4

Line 49, “tylene” should read --thylene--.

COLUMN 5

Line 19, “include” should read --included--.

UNITED STATES PATENT AND TRADEMARK OFFICE
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It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

COLUMN 27

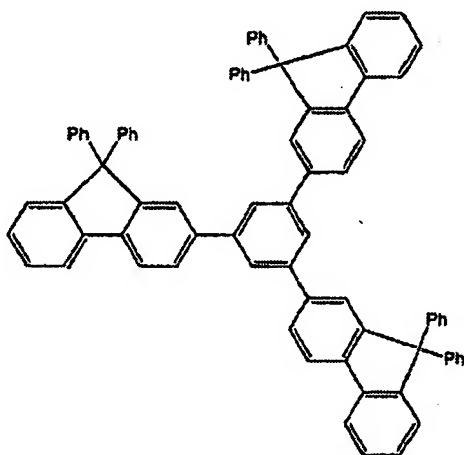
Line 63, "described" should read --described in--.

COLUMN 30

Line 65, "followings" should read --following--.

COLUMN 31

Compound [2]-2, "



" should read

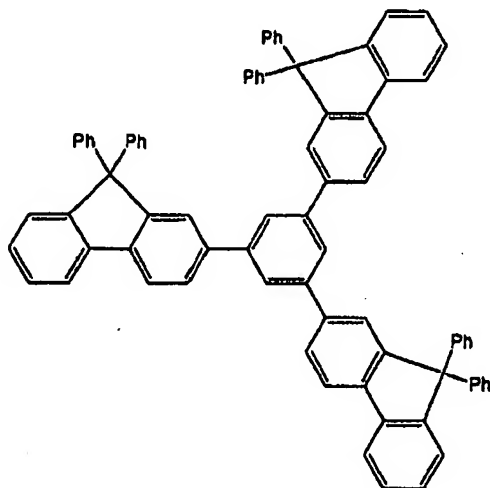
UNITED STATES PATENT AND TRADEMARK OFFICE
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PATENT NO. : 7,387,845 B2
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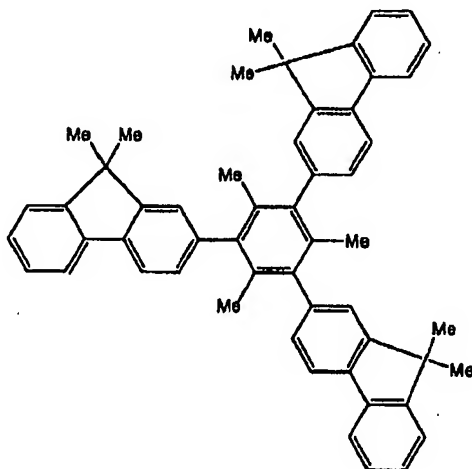
It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

--



--; and

Compound [2]-4, “



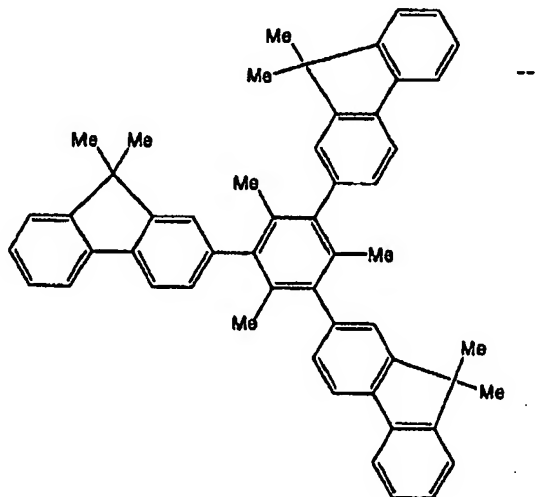
” should read

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PATENT NO. : 7,387,845 B2
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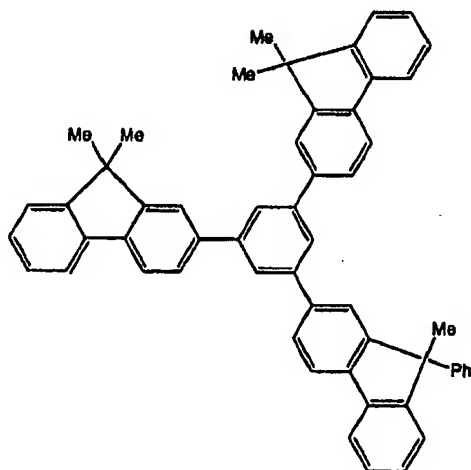
Page 5 of 33

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:



COLUMN 32

Compound [2]-1, “



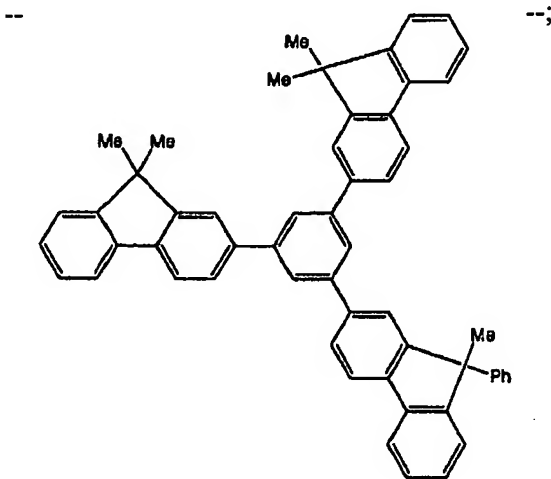
” should read

UNITED STATES PATENT AND TRADEMARK OFFICE
CERTIFICATE OF CORRECTION

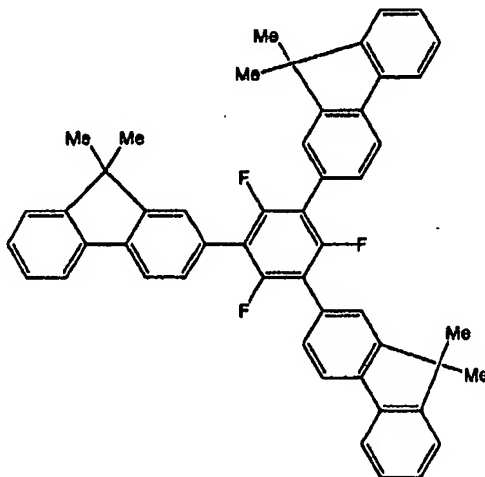
PATENT NO. : 7,387,845 B2
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DATED : June 17, 2008
INVENTOR(S) : Akihito Saitoh et al.

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It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:



Compound [2]-3, “



” should read

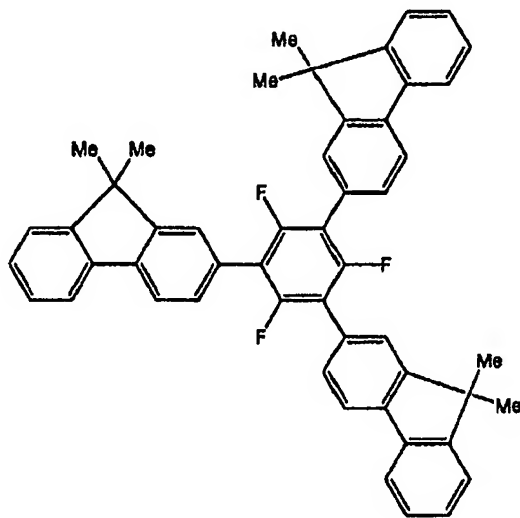
UNITED STATES PATENT AND TRADEMARK OFFICE
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PATENT NO. : 7,387,845 B2
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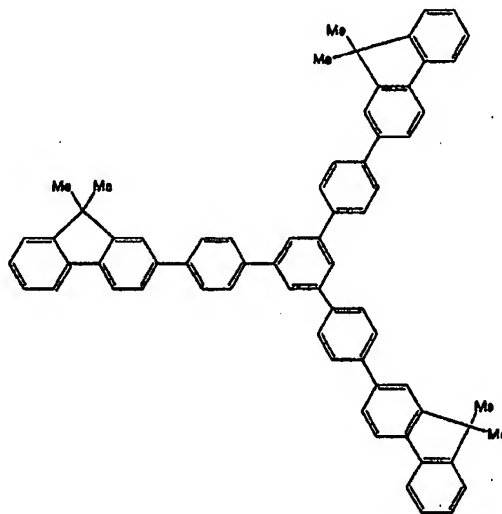
It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

-- --; and



Compound [2]-5, “

” should read

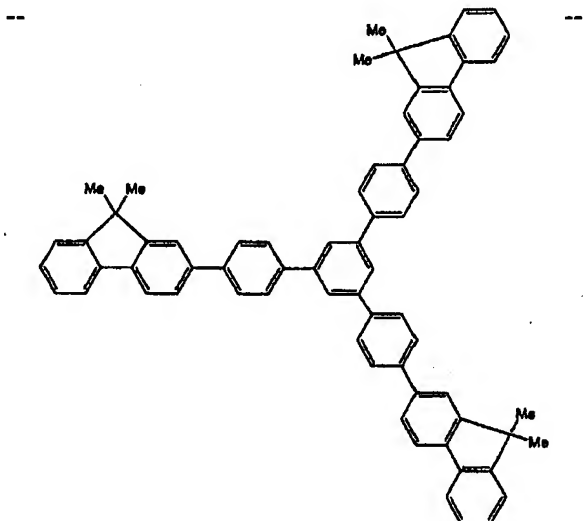


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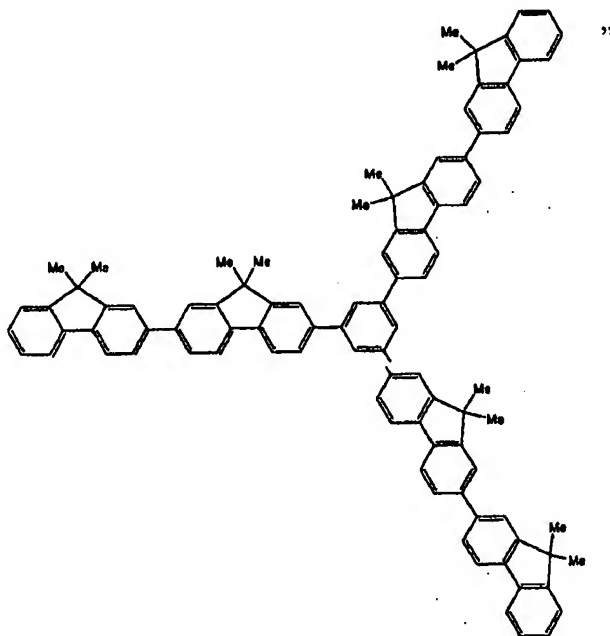
PATENT NO. : 7,387,845 B2
APPLICATION NO. : 10/525622
DATED : June 17, 2008
INVENTOR(S) : Akihito Saitoh et al.

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It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

COLUMNS 33-34

Compound [2]-6, “



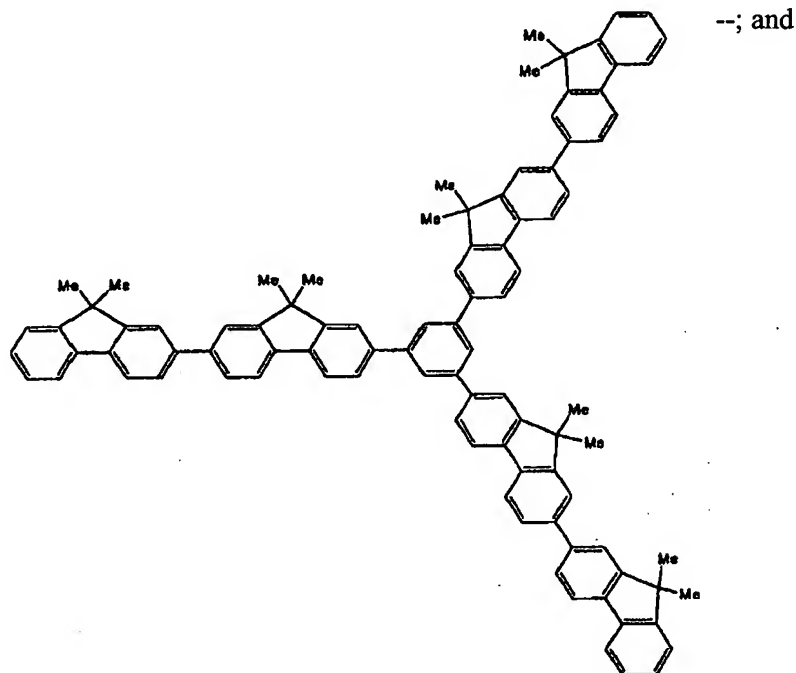
should read

UNITED STATES PATENT AND TRADEMARK OFFICE
CERTIFICATE OF CORRECTION

PATENT NO. : 7,387,845 B2
APPLICATION NO. : 10/525622
DATED : June 17, 2008
INVENTOR(S) : Akihito Saitoh et al.

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It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:



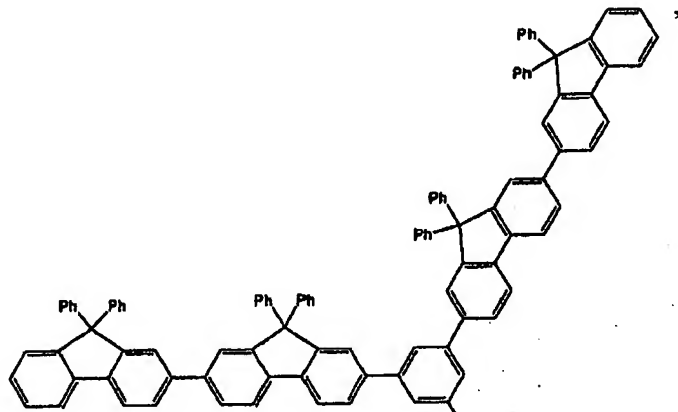
UNITED STATES PATENT AND TRADEMARK OFFICE
CERTIFICATE OF CORRECTION

PATENT NO. : 7,387,845 B2
APPLICATION NO. : 10/525622
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INVENTOR(S) : Akihito Saitoh et al.

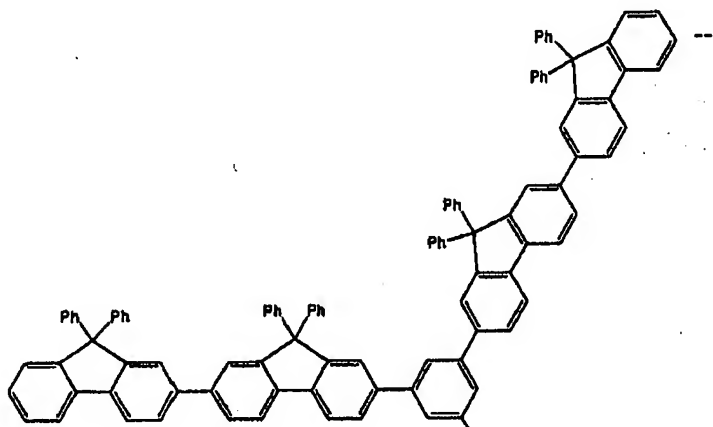
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It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

Compound [2]-7, “



should read



UNITED STATES PATENT AND TRADEMARK OFFICE
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APPLICATION NO. : 10/525622
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INVENTOR(S) : Akihito Saitoh et al.

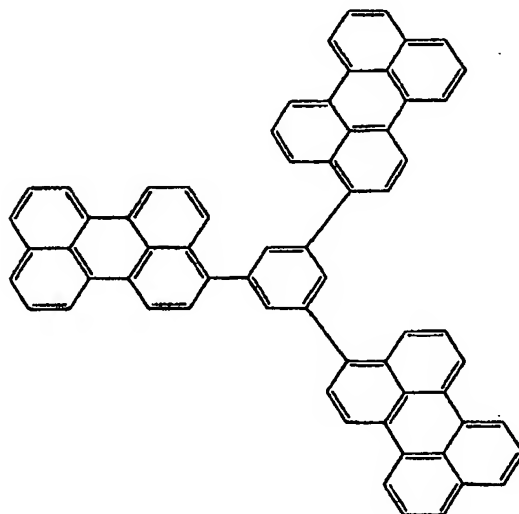
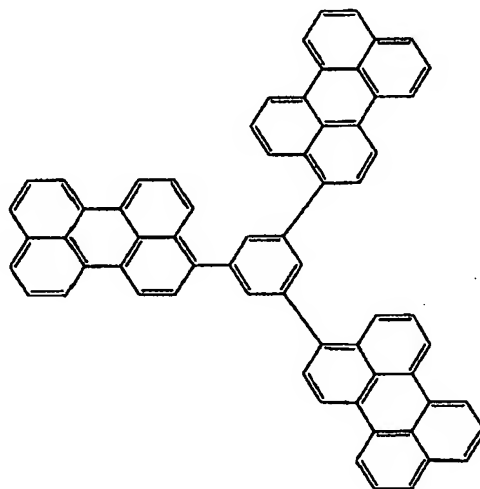
Page 12 of 33

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

COLUMN 37

Compound [2]-12, “

” should read



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PATENT NO. : 7,387,845 B2
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DATED : June 17, 2008
INVENTOR(S) : Akihito Saitoh et al.

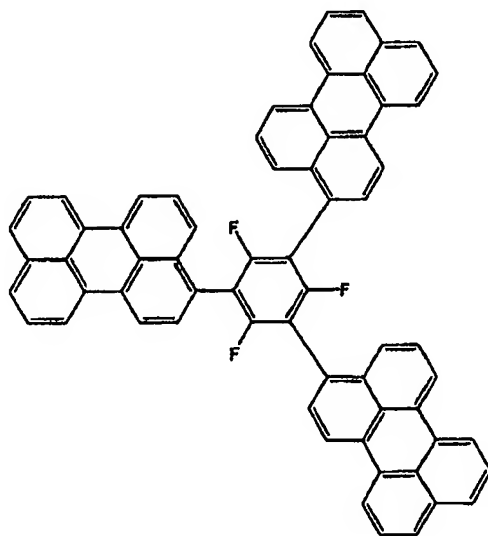
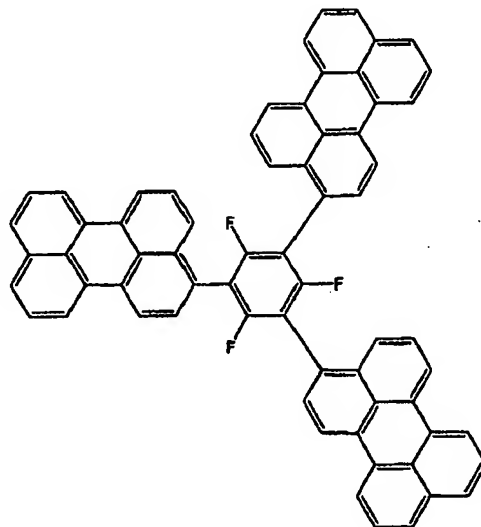
Page 13 of 33

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

COLUMN 38

Compound [2]-13, “

” should read



UNITED STATES PATENT AND TRADEMARK OFFICE
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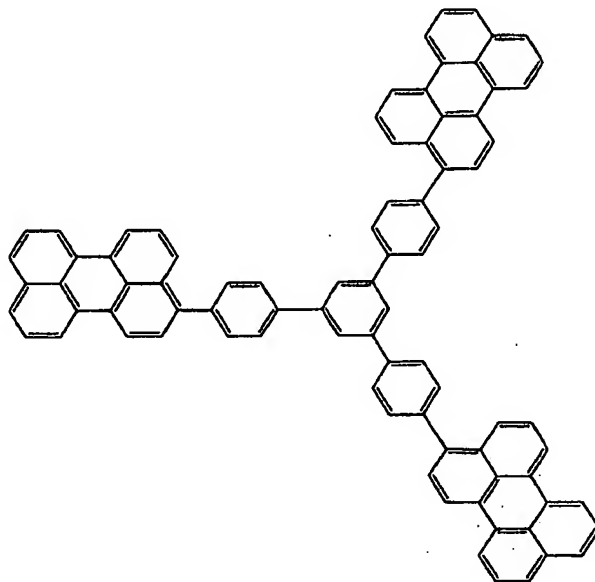
PATENT NO. : 7,387,845 B2
APPLICATION NO. : 10/525622
DATED : June 17, 2008
INVENTOR(S) : Akihito Saitoh et al.

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It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

COLUMN 39

Compound [2]-14, “



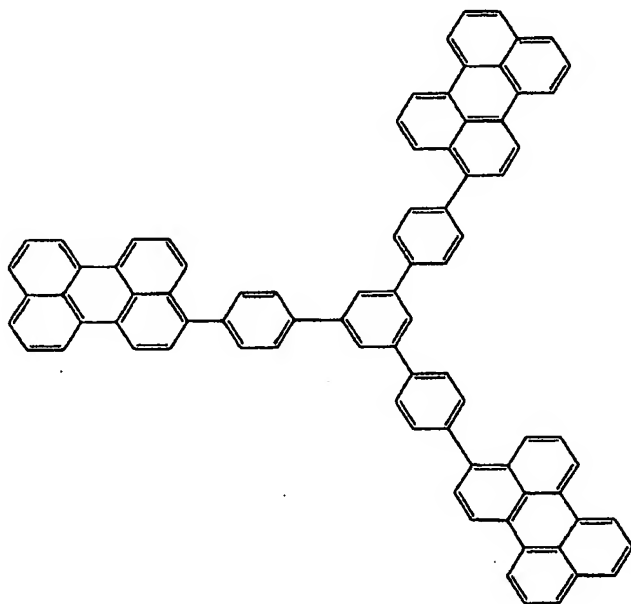
should read

UNITED STATES PATENT AND TRADEMARK OFFICE
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PATENT NO. : 7,387,845 B2
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INVENTOR(S) : Akihito Saitoh et al.

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It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:



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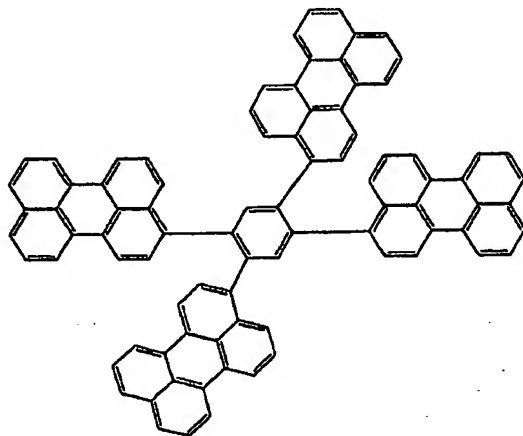
PATENT NO. : 7,387,845 B2
APPLICATION NO. : 10/525622
DATED : June 17, 2008
INVENTOR(S) : Akihito Saitoh et al.

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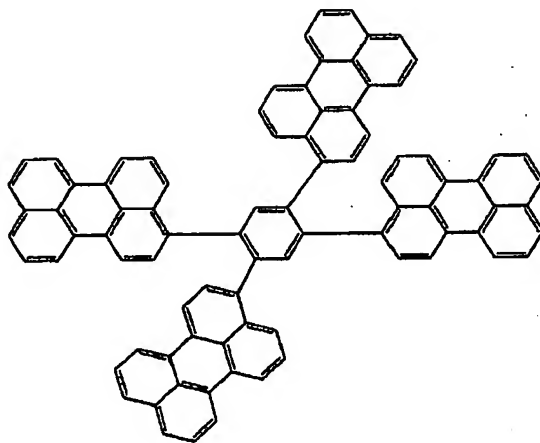
It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

COLUMN 45

Compound [3]-11, “



should read



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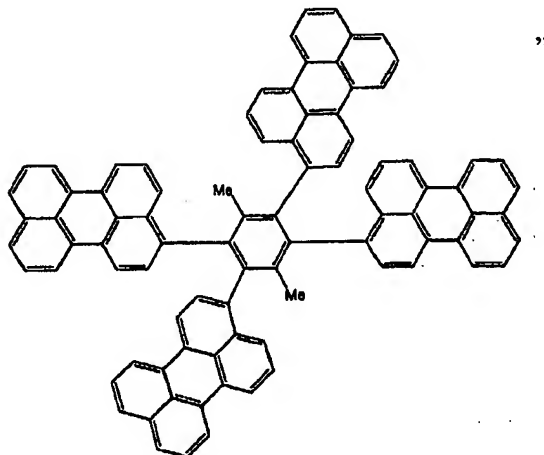
PATENT NO. : 7,387,845 B2
APPLICATION NO. : 10/525622
DATED : June 17, 2008
INVENTOR(S) : Akihito Saitoh et al.

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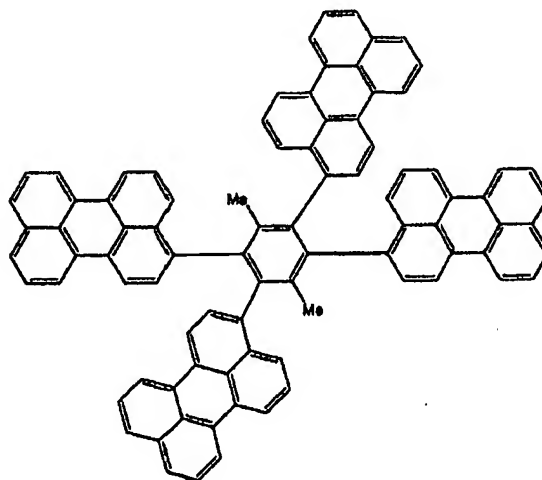
It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

COLUMN 46

Compound [3]-12, “



should read



UNITED STATES PATENT AND TRADEMARK OFFICE
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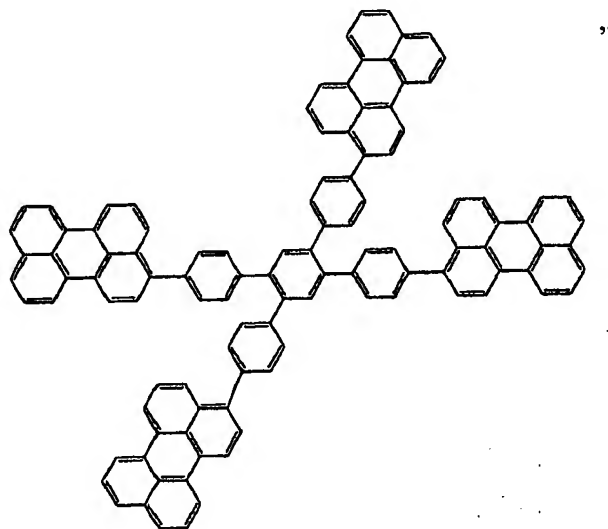
PATENT NO. : 7,387,845 B2
APPLICATION NO. : 10/525622
DATED : June 17, 2008
INVENTOR(S) : Akihito Saitoh et al.

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It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

COLUMN 47

Compound [3]-13, “



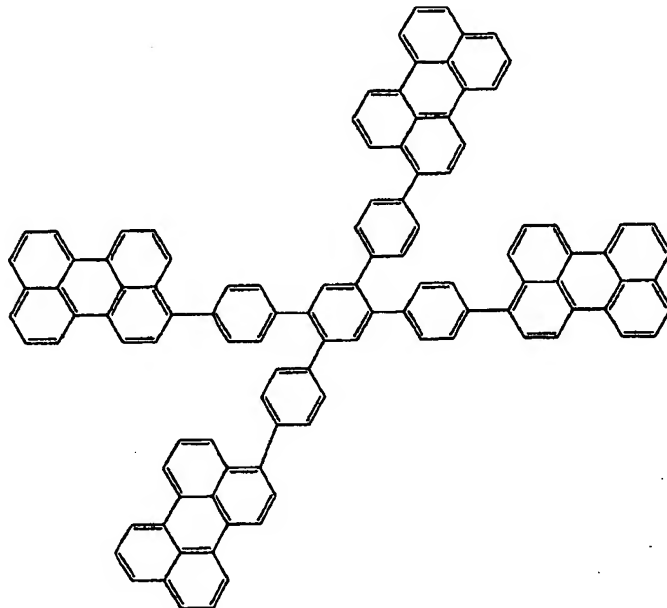
should read

UNITED STATES PATENT AND TRADEMARK OFFICE
CERTIFICATE OF CORRECTION

PATENT NO. : 7,387,845 B2
APPLICATION NO. : 10/525622
DATED : June 17, 2008
INVENTOR(S) : Akihito Saitoh et al.

Page 19 of 33

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:



UNITED STATES PATENT AND TRADEMARK OFFICE
CERTIFICATE OF CORRECTION

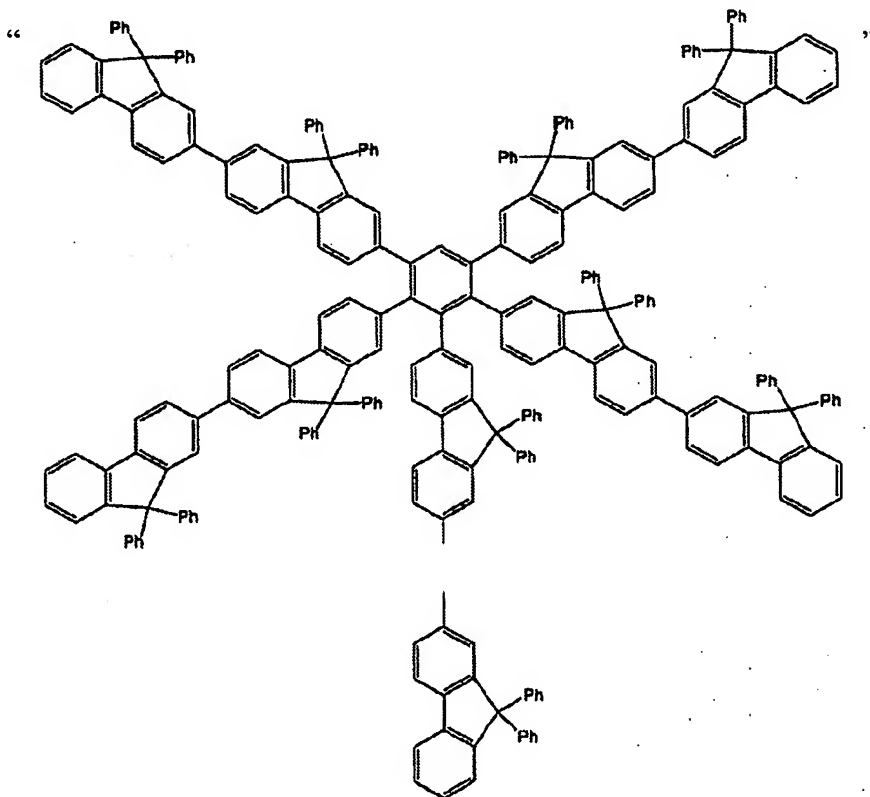
PATENT NO. : 7,387,845 B2
APPLICATION NO. : 10/525622
DATED : June 17, 2008
INVENTOR(S) : Akihito Saitoh et al.

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It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

COLUMN 53

Compound [4]-6,



should read

UNITED STATES PATENT AND TRADEMARK OFFICE

PATENT NO. : 7,387,845 B2

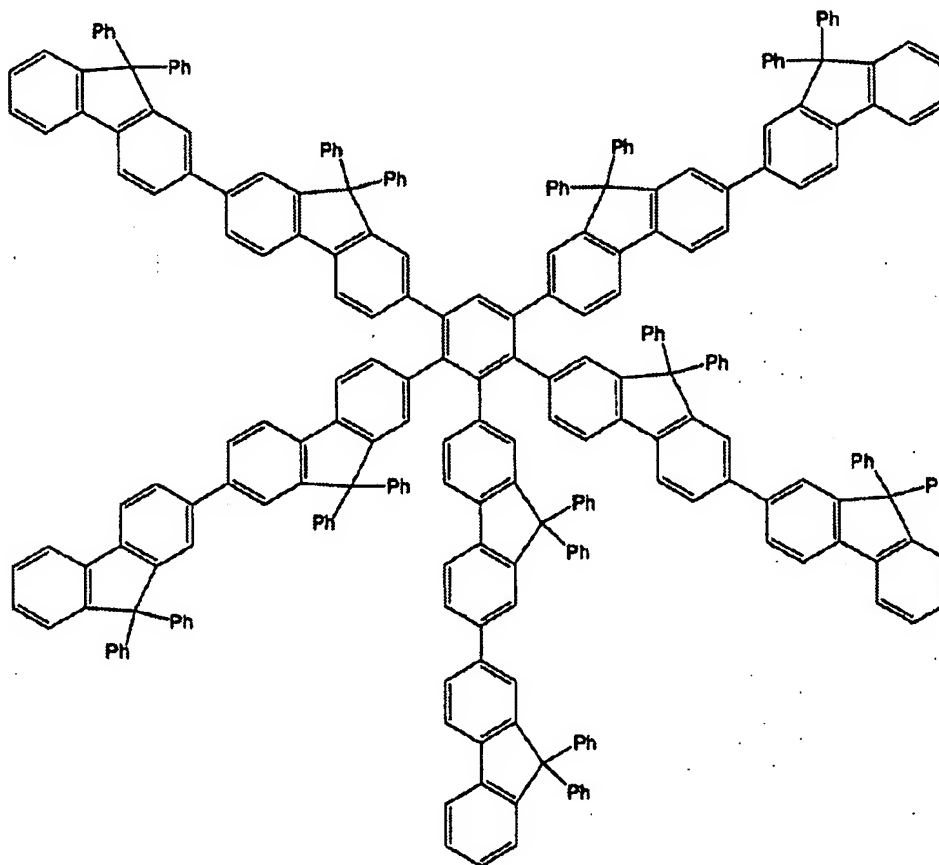
APPLICATION NO. : 10/525622

DATED : June 17, 2008

INVENTOR(S) : Akihito Saitoh et al.

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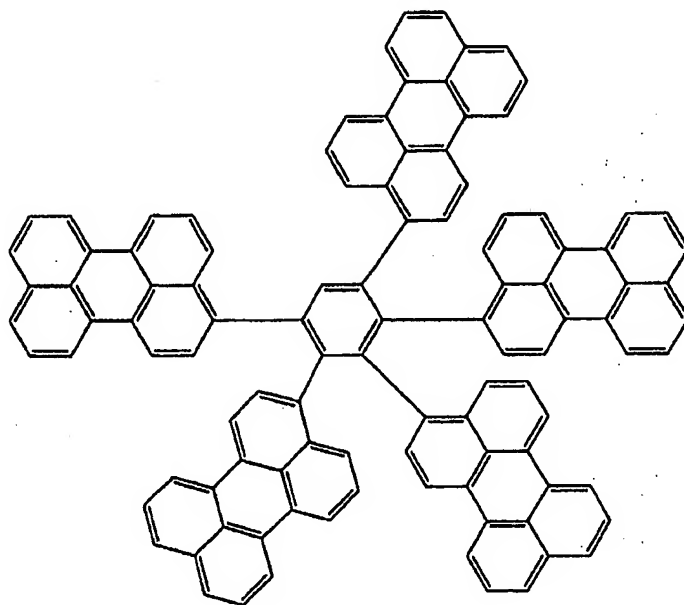
PATENT NO. : 7,387,845 B2
APPLICATION NO. : 10/525622
DATED : June 17, 2008
INVENTOR(S) : Akihito Saitoh et al.

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It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

COLUMN 57

Compound [4]-11,



should read

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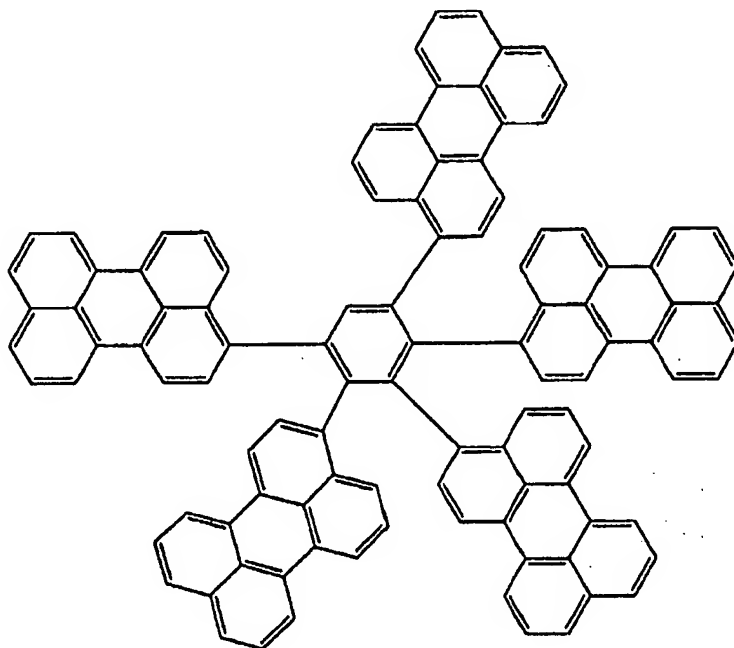
PATENT NO. : 7,387,845 B2
APPLICATION NO. : 10/525622
DATED : June 17, 2008
INVENTOR(S) : Akihito Saitoh et al.

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It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

--

--; and



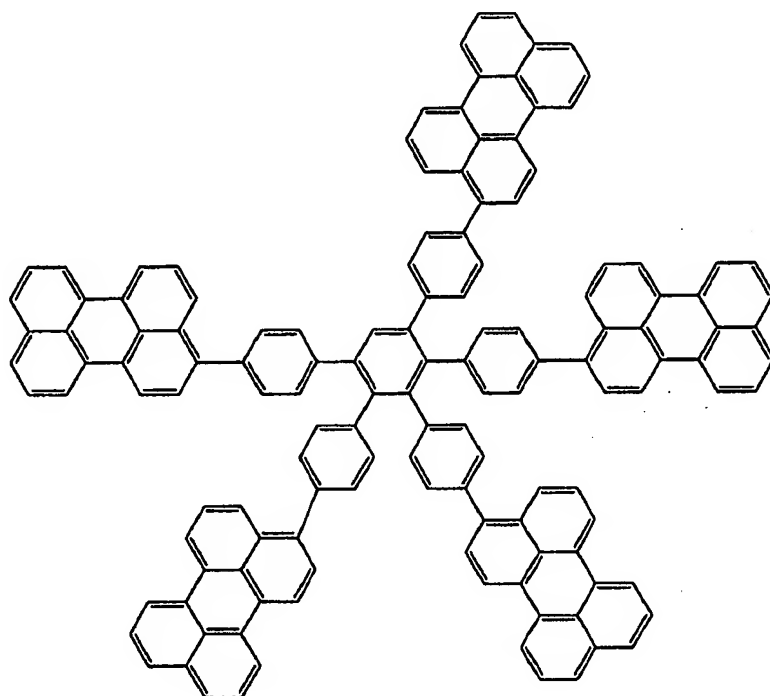
UNITED STATES PATENT AND TRADEMARK OFFICE
CERTIFICATE OF CORRECTION

PATENT NO. : 7,387,845 B2
APPLICATION NO. : 10/525622
DATED : June 17, 2008
INVENTOR(S) : Akihito Saitoh et al.

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It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

Compound [4]-13,



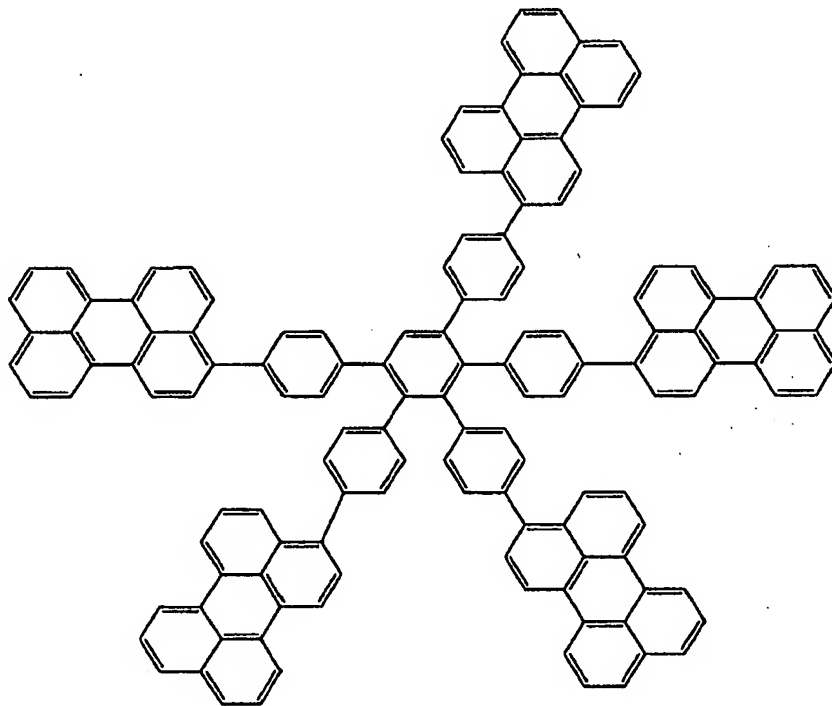
should read

UNITED STATES PATENT AND TRADEMARK OFFICE
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PATENT NO. : 7,387,845 B2
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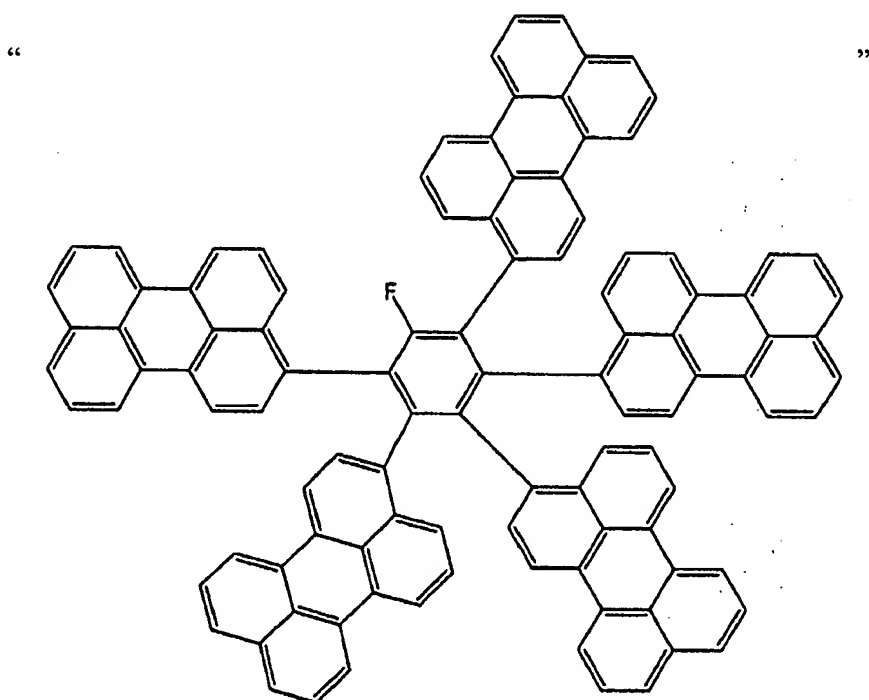
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DATED : June 17, 2008
INVENTOR(S) : Akihito Saitoh et al.

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It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

COLUMN 58

Compound [4]-12,



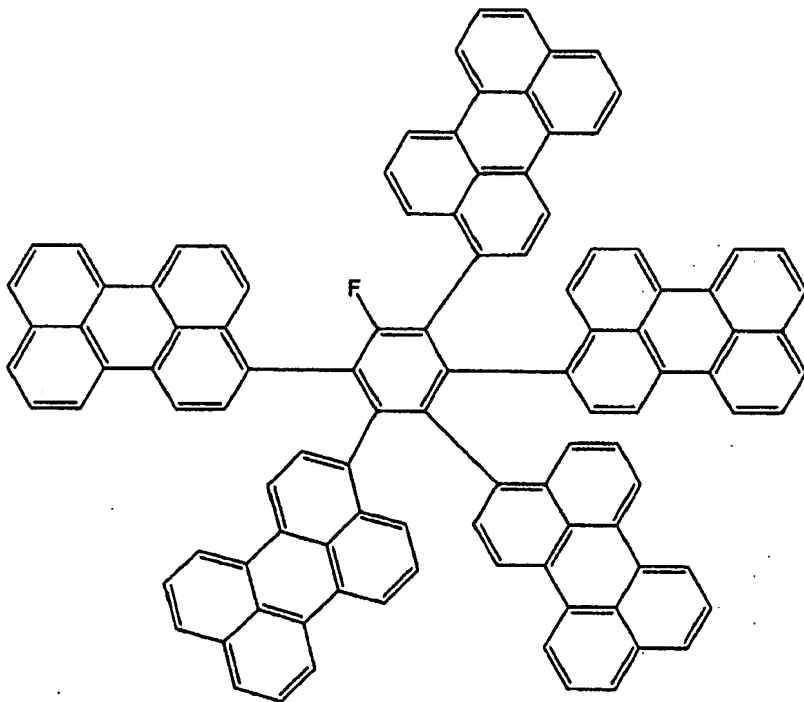
should read

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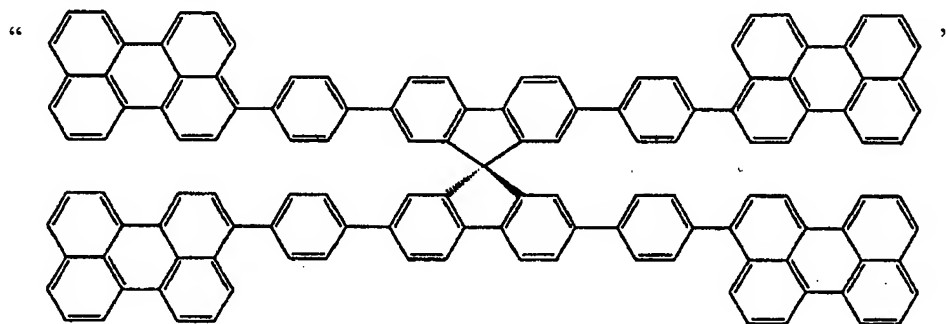
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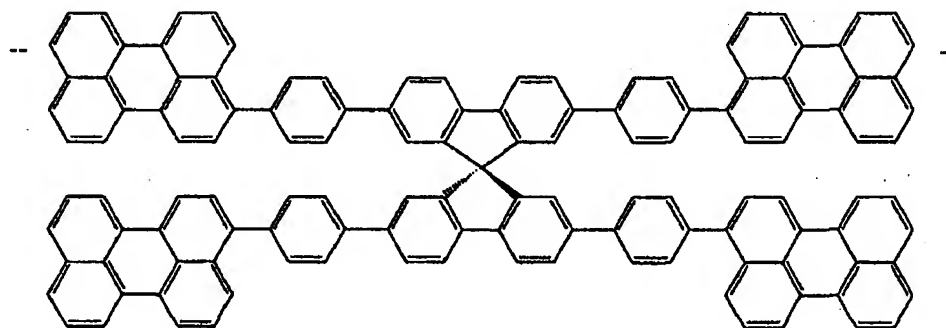
It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

COLUMN 67-68

Compound [5]-13,



should read



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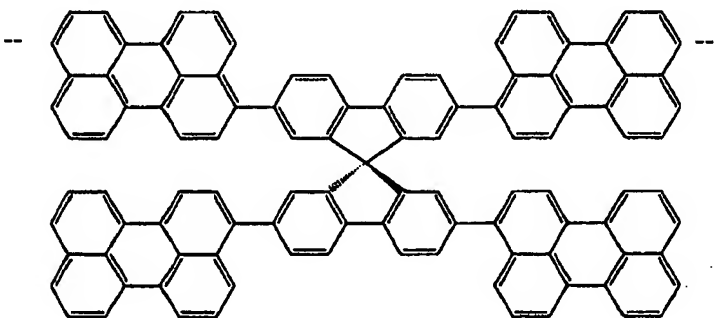
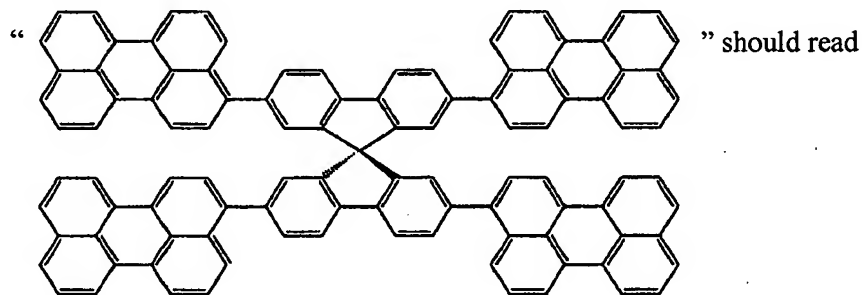
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DATED : June 17, 2008
INVENTOR(S) : Akihito Saitoh et al.

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It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

COLUMN 68

Compound [5]-12,



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INVENTOR(S) : Akihito Saitoh et al.

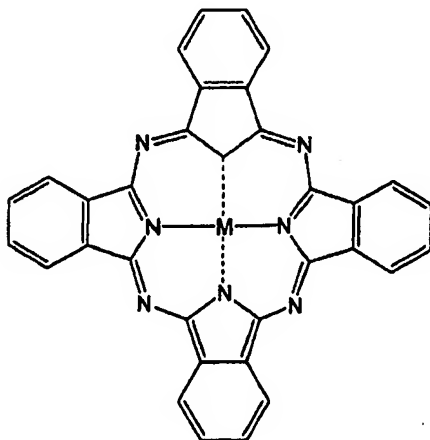
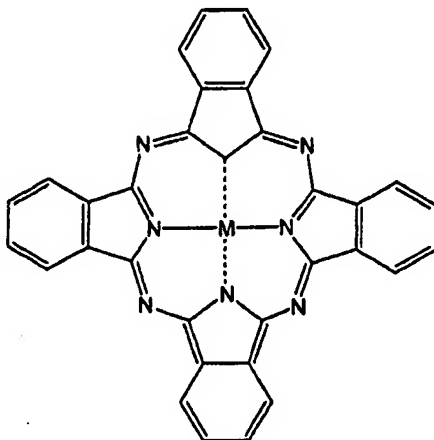
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It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

COLUMN 72

Compound PcM, “

” should read



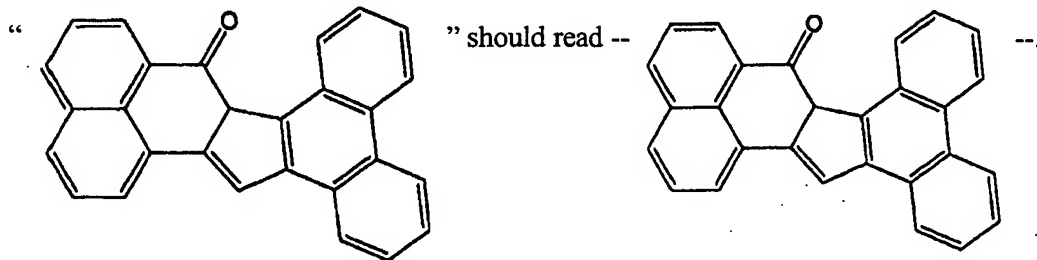
UNITED STATES PATENT AND TRADEMARK OFFICE
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PATENT NO. : 7,387,845 B2
APPLICATION NO. : 10/525622
DATED : June 17, 2008
INVENTOR(S) : Akihito Saitoh et al.

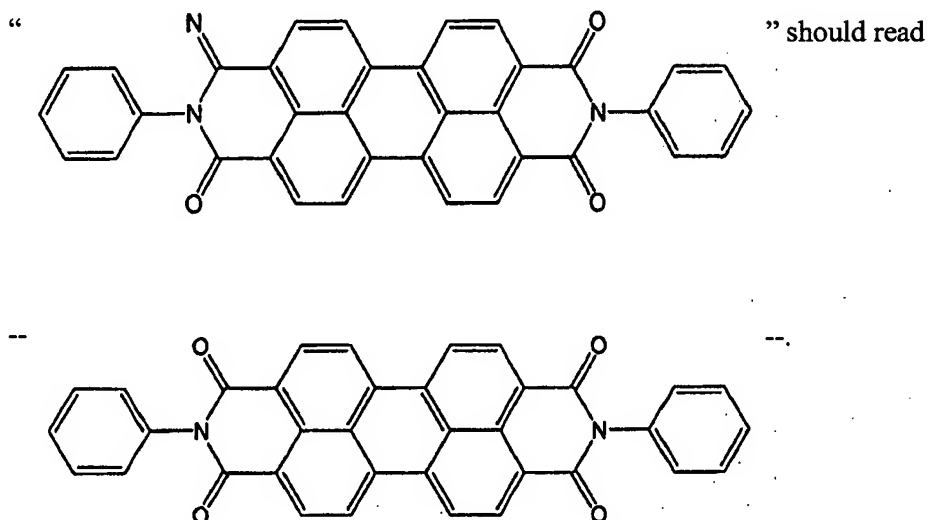
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It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

COLUMN 79



COLUMN 80



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INVENTOR(S) : Akihito Saitoh et al.

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It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

COLUMN 83

Line 14, "Poly thiophene" should read --Polythiophene--.

COLUMN 85

Line 4, "[1]-38]" should read --[1]-38--.

COLUMN 86

Line 50, "[1]-109]" should read --[1]-109--.

COLUMN 90

Line 21, "in stead" should read --instead--;
Table 9, "Exemplified" should read --Exemplified--;
Line 54, "in" should read --instead--; and
Line 55, "stead" should be deleted.

COLUMN 91

Line 16, "in stead" should read --instead--.

COLUMN 94

Line 56, "substituted" should read --substituted or--.

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INVENTOR(S) : Akihito Saitoh et al.

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It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

COLUMN 96

Line 10, "substituted" should read --substituted or--.

COLUMN 97

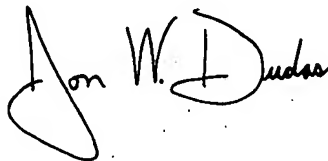
Line 28, "substituted" should read --substituted or--.

COLUMN 100

Line 10, "substituted" should read --substituted or--.

Signed and Sealed this

Ninth Day of December, 2008

A handwritten signature in black ink, appearing to read "Jon W. Dudas". The signature is stylized with a large, looped initial "J" and a distinct "D".

JON W. DUDAS
Director of the United States Patent and Trademark Office